

in Table 1 of which 21 (those marked with an asterisk in the table in Attachment D #s 1, 7-13, 16-18, 20, 21, 27, 28, 30, 31 and 41-44) do not contain one or more of a rare earth, a group III element or an alkaline earth element. Yet all 42 are made according to the general principals or ceramic science taught by applicants. Two of the 42 materials have a Tc of 25K. Thus a person of skill in the art following applicants' teaching can fabricate materials which avoid the claims allowed by the examiner but not the claims not allowed by the examiner.

Table 1 in attachment C list 7 references as the source of the information on the 42 high Tc materials. Those references are listed below. For references 1-5 Attachments C to H respectively, contain the title page and table of contents of the corresponding books. References 6 and 7 are articles, copies of which are in Attachments H and I respectively.

1. Attachment C  
Ginsburg, D.M., Ed., Physical Properties of High-Temperature Superconductors, Vols. I-III, World Scientific, Singapore, 1989-1992.
2. Attachment D  
Rao, C.N.R., Ed., Chemistry of High-Temperature Superconductors, World Scientific, Singapore, 1991.
3. Attachment E  
Shackelford, J.F., The CRC Materials Science and Engineering Handbook, CRC Press, Boca Raton, 1992, 98-99 and 122-123.
4. Attachment F  
Kaldis, E., Ed., Materials and Crystallographic Aspects of HTc-Superconductivity, Kluwer Academic Publ., Dordrecht, The Netherlands, 1992.
5. Attachment G  
Malik, S.K. and Shah, S.S., Ed., Physical and Material Properties of High Temperature Superconductors, Nova Science Publ., Commack, N.Y., 1994.

6. Attachment H  
Chmaissem, O. et al., Physica C230, 231-238, 1994

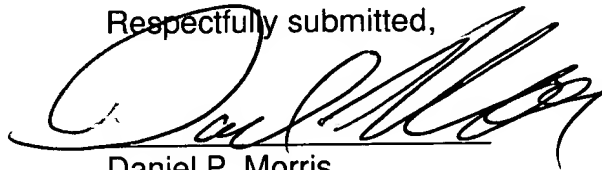
7. Attachment I  
Antipov E. V. et al., Physica C215, 1-10, 1993. 231-238, 1994

The is no evidence in these references that the 42 high Tc materials of  
Attachment A cannot be made following applicants' teaching.

In view thereof appellants request the Examiner to withdraw the examiner's  
rejections of claims under 35 USC 112, first paragraph.

Please charge any fee necessary to enter this paper to deposit account 09-0468.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Daniel P. Morris', written over a horizontal line.

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